| Ref<br># | Hits  | Search Query   | DBs                                 | Default<br>Operator | Plurals | Time Stamp       |
|----------|-------|--|-------------------------------------|---------------------|---------|------------------|
| S1       | 1024  | 360/126,317:ccls. and (magnetic adj head)  | USPAT;<br>JPO                       | OR                  | ON      | 2004/01/22 09:10 |
| S2       | 309   | (360/126,317.ccls. and (magnetic adj head) ) and (second adj (magnetic or yoke))                         | USPAT;<br>JPO                       | OR                  | ON      | 2002/09/20 12:34 |
| S3       | 50810 | 29/603.11, "603.13-17", "605",<br>"606".ccls.  | USPAT;<br>JPO;<br>DERWENT           | OR                  | ON      | 2003/01/09 10:47 |
| S4       | 123   | 360/126,317.ccls. and (magnetic adj head) and ((write adj gap) same coil)                                | USPAT;<br>JPO                       | OR                  | ON      | 2003/05/07 14:20 |
| S5       | 46    | (360/126,317 ccls. and (magnetic<br>adj head) and ((write adj gap)<br>same coil)) and @ad<"19980417"     | USPAT;<br>JPO                       | OR                  | ON      | 2003/05/07 14:12 |
| S6       | 99    | 360/126,317.ccls. and ((write adj<br>gap) same coil same (insulat\$3<br>adj layer))                      | USPAT;<br>JPO                       | OR                  | ON      | 2003/05/07 14:17 |
| S7       | 26    | (360/126,317.ccls. and ((write adj<br>gap) same coil same (insulat\$3<br>adj layer))) and @ad<"19980417" | USPAT;<br>JPO                       | OR                  | ON      | 2003/05/07 14:19 |
| S8       | 268   | ((write adj gap) same coil same<br>(insulat\$3 adj layer))   | USPAT;<br>JPO                       | OR                  | ON      | 2004/01/23 12:14 |
| S9       | 73    | ( ((write adj gap) same coil same<br>(insulat\$3 adj layer))) and<br>@ad<"19980417"                      | USPAT;<br>JPO                       | OR                  | ON      | 2003/05/07 14:32 |
| S10      | 6     | ("3908194".URPN. and<br>@ad<"19980417") and (magnetic<br>adj head) and ((write adj gap)<br>same coil)    | USPAT;<br>JPO                       | OR                  | ON      | 2003/05/07 14:33 |
| S11      | 373   | 29/603.15, "603.16", "603"".<br>""18".ccls.  | USPAT;<br>JPO;<br>DERWENT           | OR                  | ON      | 2003/05/09 11:25 |
| S12      | 1     | JP-61296518-\$.did.  | USPAT;<br>JPO;<br>DERWENT           | OR                  | ON      | 2004/01/23 11:01 |
| S13      | 6     | (("6385012") or ("5911455") or<br>("5798890")):PN:   | USPAT;<br>USOCR;<br>JPO;<br>DERWENT | OR                  | OFF     | 2003/09/10 13:59 |
| S14      | 2     | ("5798890"   "5896249").PN.  | USPAT                               | OR                  | ON      | 2003/09/10 14:20 |
| S15      | 0     | JP-0395715-\$.did.   | USPAT;<br>JPO;<br>DERWENT           | OR                  | ON      | 2003/09/10 14:31 |
| S16      | 1     | JP-03095715-\$.did.  | USPAT;<br>JPO;<br>DERWENT           | OR                  | ON      | 2003/09/10 14:31 |

| S17 | 1     | JP-06203330-\$.did.  | USPAT;<br>JPO;<br>DERWENT           | OR | ON  | 2003/09/10 14:31 |
|-----|-------|--|-------------------------------------|----|-----|------------------|
| S18 | 10    | ("4648087"   "4729048"  <br>"4823205"   "4901185"  <br>"5073833"   "5202803"  <br>"5212611"   "5229901"  <br>"5444589"   "5798890").PN.  | USPAT                               | OR | ON  | 2003/09/10 14:52 |
| S19 | 1133  | 360/126,317.ccls. and (magnetic adj head)  | USPAT;<br>JPO                       | OR | ON  | 2003/09/10 15:12 |
| S20 | 52941 | 29/603.11, "603.13-17", "605",<br>"606".ccls.  | USPAT;<br>JPO                       | OR | ON  | 2003/09/10 15:17 |
| S21 | 10208 | (29/603.07,603.11, "603.13-17",<br>"605", "606".ccls.) and magnetic  | USPAT;<br>JPO                       | OR | ON  | 2003/09/10 15:19 |
| S22 | 0     | "9050606".URPN.  | USPAT                               | OR | ON  | 2004/01/22 09:14 |
| S23 | 2     | ("5798890"   "5896249").PN.  | USPAT                               | OR | ON  | 2004/01/22 09:31 |
| S24 | 10    | ("4648087"   "4729048"  <br>"4823205"   "4901185"  <br>"5073833"   "5202803"  <br>"5212611"   "5229901"  <br>"5444589"   "5798890").PN.  | USPAT                               | OR | ON  | 2004/01/22 09:31 |
| S25 | 3     | ("6130805").PN.  | USPAT;<br>USOCR;<br>JPO;<br>DERWENT | OR | OFF | 2004/01/23 10:31 |
| S26 | 2     | ("5872693"   "5935644").PN.  | USPAT                               | OR | ON  | 2004/01/23 10:17 |
| S27 | 8     | ("4589042"   "4839197"  <br>"5245493"   "5285340"  <br>"5325254"   "5349745"  <br>"5379172"   "5652687").PN.   | USPAT                               | OR | ON  | 2004/01/23 10:18 |
| S28 | 27    | "5872693".URPN.  | USPAT                               | OR | ON  | 2004/01/23 10:19 |
| S29 | 16    | ("4505782"   "4943879"  <br>"5277750"   "5384009"  <br>"5438747"   "5452164"  <br>"5465475"   "5809637"  <br>"5872693"   "5910871"  <br>"5916423"   "5949625"  <br>"5996213"   "6029339"  <br>"6040965"   "6172848").PN. | USPAT                               | OR | ON  | 2004/01/23 10:23 |
| S30 | 8     | "4943879".URPN.  | USPAT                               | OR | ON  | 2004/01/23 10:25 |
| S31 | 4     | ("4048714"   "4550353"  <br>"4558385"   "4636897").PN.   | USPAT                               | OR | ON  | 2004/01/23 10:26 |
| S32 | 2     | ("5126907"):PN.  | USPAT;<br>USOCR;<br>JPO;<br>DERWENT | OR | OFF | 2004/01/23 10:44 |
| S33 | 20    | "5126907".URPN.  | USPAT                               | OR | ON  | 2004/01/23 10:31 |

| S34 | 4     | ("4219855"   "4636897"  <br>"4769729"   "4814921").PN.  | USPAT                     | OR | ON | 2004/01/23 10:43 |
|-----|-------|---|---------------------------|----|----|------------------|
| S35 | 37    | 29/603:07:ccls: and magnetic and resist   | USPAT;<br>JPO;<br>DERWENT | OR | ON | 2004/01/23 10:45 |
| S36 | 17    | ("4224361"   "4516180"   "4875124"   "4933209"   "5045961"   "5118386"   "5282308"   "5646804"   "5870262"   "5877924"   "5901431"   "5926349"   "5966800"   "6043959"   "6181514"   "6209192"   "6337783").PN. | USPAT                     | OR | ON | 2004/01/23 10:49 |
| S37 | 5     | ("5452164"   "6104576"  <br>"6111724"   "6154345"  <br>"6163436").PN.   | USPAT                     | OR | ON | 2004/01/23 10:56 |
| S40 | 29117 | (second adj (pole or magnetic)) or<br>(upper adj pole) or (yoke adj<br>(portion or part))   | USPAT;<br>JPO;<br>DERWENT | OR | ON | 2004/01/23 11:17 |
| S41 | 22962 | (second adj (pole or magnetic))   | USPAT;<br>JPO;<br>DERWENT | OR | ON | 2004/01/23 11:11 |
| S42 | 6821  | (upper adj (pole or magnetic))  | USPAT;<br>JPO;<br>DERWENT | OR | ON | 2004/01/23 11:12 |
| S43 | 4921  | (yoke adj (portion or part))  | USPAT;<br>JPO;<br>DERWENT | OR | ON | 2004/01/23 11:12 |
| S44 | 33248 | ((second adj (pole or magnetic))) or ((upper adj (pole or magnetic))) or ((yoke adj (portion or part)))   | USPAT;<br>JPO;<br>DERWENT | OR | ON | 2004/01/23 11:12 |
| S45 | 80300 | (photoresist or \$5resist\$3 or<br>mask\$3) adj layer   | USPAT;<br>JPO;<br>DERWENT | OR | ON | 2004/01/23 11:13 |
| S46 | 818   | (((second adj (pole or magnetic)))<br>or ((upper adj (pole or magnetic)))<br>or ((yoke adj (portion or part))))<br>and ((photoresist or \$5resist\$3 or<br>mask\$3) adj layer)                                  | USPAT;<br>JPO;<br>DERWENT | OR | ON | 2004/01/23 11:14 |
| S47 | 1802  | outer adj magnetic  | USPAT;<br>JPO;<br>DERWENT | OR | ON | 2004/01/23 11:15 |
| S48 | 12    | ((((second adj (pole or<br>magnetic))) or ((upper adj (pole or<br>magnetic))) or ((yoke adj (portion<br>or part)))) and ((photoresist or<br>\$5resist\$3 or mask\$3) adj layer))<br>and (outer adj magnetic)    | USPAT;<br>JPO;<br>DERWENT | OR | ON | 2004/01/23 11:15 |

| S49      | 231  | ((second adj (pole or magnetic))<br>or (upper adj pole) or (yoke adj<br>(portion or part))) same<br>((photoresist or \$5resist\$3 or<br>mask\$3) adj layer)  | USPAT;<br>JPO;<br>DERWENT           | OR | ON  | 2004/01/23 11:18 |
|----------|------|--|-------------------------------------|----|-----|------------------|
| S50      | 131  | (((second adj (pole or magnetic))<br>or (upper adj pole) or (yoke adj<br>(portion or part))) same<br>((photoresist or \$5resist\$3 or<br>mask\$3) adj layer)) and<br>@ad<"19980826"  | USPAT;<br>JPO;<br>DERWENT           | OR | ON  | 2004/01/23 11:18 |
| S51      | 2    | ("5452164"   "5694276").PN.  | USPAT                               | OR | ON  | 2004/01/23 11:32 |
| S52      | 1    | "5710510".URPN.  | USPAT                               | OR | ON  | 2004/01/23 11:35 |
| S53      | 2    | ("3336154"   "5393557").PN.  | USPAT                               | OR | ON  | 2004/01/23 11:35 |
| S54      | 2    | ("5126907"):PN:  | USPAT;<br>USOCR;<br>JPO;<br>DERWENT | OR | OFF | 2004/01/23 12:07 |
| S55      | 2    | ("6233913").PN.  | USPAT;<br>USOCR;<br>JPO;<br>DERWENT | OR | OFF | 2004/01/23 12:07 |
| S56      | 2    | ("6233813"):PN.  | USPAT;<br>USOCR;<br>JPO;<br>DERWENT | OR | OFF | 2004/01/23 12:08 |
| S14<br>1 | 40   | (US-3908194-\$ or US-4729048-\$ or US-5057798-\$ or US-5313356-\$ or US-5622525-\$ or US-5695656-\$ or US-5710510-\$ or US-5722156-\$ or US-5722157-\$ or US-5749769-\$ or US-5764446-\$ or US-5798890-\$ or US-5872693-\$ or US-5885131-\$ or US-5896249-\$ or US-5907459-\$ or US-6043959-\$ or US-6032353-\$ or US-6043959-\$ or US-6113464-\$ or US-6118629-\$ or US-6126989-\$ or US-6183891-\$).did. or (US-6183891-\$).did. or (US-6326303-\$ or US-6330127-\$ or US-6330743-\$ or US-6330127-\$ or US-6330743-\$ or US-6490130-\$).did. or (JP-01042014-\$ or JP-09050606-\$ or JP-57162115-\$).did. | USPAT;<br>JPO;<br>DERWENT           | OR | ON  | 2005/06/30 14:04 |
| S14<br>2 | 8842 | (upper adj core) or (second adj<br>core) or (upper adj magentic adj<br>layer)  | USPAT;<br>JPO;<br>DERWENT           | OR | ON  | 2005/06/30 14:06 |

| S14<br>3 | 2      | S141 and S142  | USPAT;<br>JPO;<br>DERWENT              | OR | ON  | 2005/06/30 14:05 |
|----------|--------|--|--|----|-----|------------------|
| S14<br>4 | 474    | ((upper adj core) or (second adj<br>core) or (upper adj magentic adj<br>layer)) with width | USPAT;<br>JPO;<br>DERWENT              | OR | ON  | 2005/06/30 14:06 |
| S14<br>5 | 110886 | width with (increas\$3 or decres\$3)   | USPAT;<br>JPO;<br>DERWENT              | OR | ON  | 2005/06/30 14:06 |
| S14<br>6 | 115    | S144 and S145  | USPAT;<br>JPO;<br>DERWENT              | OR | ON  | 2005/06/30 14:07 |
| S14<br>7 | 65     | S146 and @ad<"19991112"  | USPAT;<br>JPO;<br>DERWENT              | OR | ON  | 2005/06/30 14:20 |
| S14<br>8 | 3      | ("4921508"   "5600519"  <br>"5995343").PN.   | US-PGPUB;<br>USPAT;<br>USOCR           | OR | ON  | 2005/06/30 14:14 |
| S14<br>9 | 2      | ("4689877"   "4841625").PN.  | US-PGPUB;<br>USPAT;<br>USOCR           | OR | ON  | 2005/06/30 14:15 |
| S15<br>0 | 11     | ("4921508").URPN.  | USPAT                                  | OR | ON  | 2005/06/30 14:15 |
| S15<br>1 | 6      | ("4921508"   "5218499"  <br>"5617278"   "5805391"  <br>"5995343"   "6055137").PN.          | US-PGPUB;<br>USPAT;<br>USOCR           | OR | ON  | 2005/06/30 14:19 |
| S15<br>2 | 562    | sasaki-yoshitaka.in.   | USPAT;<br>JPO;<br>DERWENT              | OR | ON  | 2005/12/16 08:35 |
| S15<br>3 | 0      | S144 and S152  | USPAT;<br>JPO;<br>DERWENT              | OR | ON  | 2005/06/30 14:20 |
| S15<br>4 | 99     | S145 and S152  | USPAT;<br>JPO;<br>DERWENT              | OR | ON  | 2005/06/30 14:20 |
| S15<br>5 | 30     | S154 and @ad<"19991112"  | USPAT;<br>JPO;<br>DERWENT              | OR | ON  | 2005/06/30 14:20 |
| S15<br>6 | 8      | (("5600519") or ("5438747") or<br>("6163436") or ("6373657")) PN.                          | USPAT;<br>USOCR;<br>JPO;<br>DERWENT    | OR | OFF | 2005/06/30 14:24 |
| S15<br>7 | 669    | sasaki-yoshitaka.in.   | US-PGPUB;<br>USPAT;<br>JPO;<br>DERWENT | OR | ON  | 2005/12/16 08:35 |

| S15<br>8 | 71  | (flare near point) same (ABS or (record\$3 adj medium adj fac\$3))                                | US-PGPUB;<br>USPAT;<br>JPO;<br>DERWENT | OR | ON | 2005/12/16 08:37 |
|----------|-----|---|--|----|----|------------------|
| S15<br>9 | 2   | S157 and S158   | US-PGPUB;<br>USPAT;<br>JPO;<br>DERWENT | OR | ON | 2005/12/16 08:37 |
| S16<br>0 | 300 | (throat adj height) same (ABS or<br>(record\$3 adj medium adj fac\$3))                            | US-PGPUB;<br>USPAT;<br>JPO;<br>DERWENT | OR | ON | 2005/12/16 08:38 |
| S16<br>1 | 52  | S157 and S160   | US-PGPUB;<br>USPAT;<br>JPO;<br>DERWENT | OR | ON | 2005/12/16 08:53 |
| S16<br>2 | 38  | (first adj magnetic adj layer adj<br>portion) same (second adj<br>magnetic adj layer adj portion) | US-PGPUB;<br>USPAT;<br>JPO;<br>DERWENT | OR | ON | 2005/12/16 09:08 |
| S16<br>3 | 28  | S157 and S162   | US-PGPUB;<br>USPAT;<br>JPO;<br>DERWENT | OR | ON | 2005/12/16 09:04 |
| S16<br>4 | 28  | S163 and transducer   | US-PGPUB;<br>USPAT;<br>JPO;<br>DERWENT | OR | ON | 2005/12/16 09:06 |
| S16<br>5 | 28  | S162 and S164   | US-PGPUB;<br>USPAT;<br>JPO;<br>DERWENT | OR | ON | 2005/12/16 09:07 |
| S16<br>6 | 1   | S165 and @ad<"19991112"   | US-PGPUB;<br>USPAT;<br>JPO;<br>DERWENT | OR | ON | 2005/12/16 09:07 |